

**WHAT IS CLAIMED IS:**

- 1 1. A method for performing an electronic transaction, comprising:
  - 2 (a) receiving a long-term certificate;
  - 3 (b) authenticating a user associated with the long-term certificate;
  - 4 (c) sending a short-term certificate to the user authenticated in (b).
- 1 2. The method of claim 1, further comprising:
  - 2 (d) evaluating a risk associated with the user; and
  - 3 (e) including in the short-term certificate information about the risk associated with the user.
- 1 3. The method of claim 2, wherein the risk associated with the user is reflected in an upper limit on the short-term certificate's value.
- 1 4. The method of claim 1, further comprising:
  - 2 (d) receiving information about the user's spending history; and
  - 3 (e) including in the short-term certificate information based on the user's spending history.

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- 1 5. The method of claim 4, wherein the information about a user's spending history includes marketing offers.
- 1 6. The method of claim 1, further comprising:
  - 2 (d) receiving from a market partner information about the market partner's needs; and
  - 3 (e) including in the short-term certificate information about the market partner's needs.
- 1 7. The method of claim 6, wherein the information about a market partner's needs includes marketing offers.

- 1 8. The method of claim 2, further comprising:
  - 2 (f) receiving, information about the user's spending habits; and
  - 3 (g) including in the short-term certificate information about the user's
  - 4 spending habits.
- 1 9. The method of claim 2, further comprising:
  - 2 (f) receiving from a market partner information about the market partner's
  - 3 needs; and
  - 4 (g) including in the short-term certificate information about the market
  - 5 partner's needs.
- 1 10. The method of claim 4, further comprising:
  - 2 (f) receiving from a market partner information about the market partner's
  - 3 needs; and
  - 4 (g) including in the short-term certificate information about the market
  - 5 partner's needs.
- 1 11. The method of claim 8, further comprising:
  - 2 (h) receiving from a market partner information about the market partner's
  - 3 needs; and
  - 4 (i) including in the short-term certificate information about the market
  - 5 partner's needs.
- 1 12. The method of claim 1, further comprising:
  - 2 (d) billing the user through a regular billing channel between the certifier
  - 3 and the user.
- 1 13. The method of claim 12, wherein the regular billing channel is a telephone bill.

1 14. The method of claim 12, wherein the regular billing channel is a credit-card bill.

1 15. The method of claim 8, further comprising:  
2 (h) billing the user through a regular billing channel between the certifier  
3 and the user.

1 16. The method of claim 11, further comprising:  
2 (j) billing the user through a regular billing channel between the certifier  
3 and the user.

1 17. An apparatus for practicing commerce on a network, comprising:  
2 (a) a processor;  
3 (b) a port coupled to said processor; and  
4 (c) a memory, also coupled to said processor, storing instructions adapted  
5 to be executed by said processor to  
6 (i) receive a long-term certificate; *A*  
7 (ii) authenticate a user associated with the long-term certificate; and  
8 (iii) send short-term certificates to the user authenticated in (ii).

1 18. The apparatus of claim 17, further comprising:  
2 (d) a memory storing instructions adapted to be executed by said processor  
3 to  
4 (i) evaluate the risk associated with the user; and  
5 (ii) include in the short-term certificate information about the risk  
6 associated with the user.

1 19. The apparatus of claim 18, wherein the risk associated with the user is reflected  
2 in an upper limit on a value of the short-term certificate.

1 20. The apparatus of claim 17, further comprising:

2 (d) a memory storing instructions adapted to be executed by said processor

3 to

4 (i) receive information about the user's spending history; and

5 (ii) include in the short-term certificate information based on the

6 user's spending history.

1 21. The apparatus in claim 20, wherein the information about the user's spending

2 habits includes marketing offers.

1 22. The apparatus of claim 17, further comprising:

2 (d) a memory storing instructions adapted to be executed by said processor

3 to

4 (i) receive from a market partner *Q* information about the market

5 partner's needs; and

6 (ii) include in the short-term certificate information about the

7 market partner's needs.

1 23. The apparatus of claim 22, wherein the information about the market partner's

2 needs includes marketing offers.

1 24. The apparatus of claim 18, further comprising:

2 (e) a memory storing instructions adapted to be executed by said processor

3 to

4 (i) receive information about the user's spending habits; and

5 (ii) include in the short-term certificate information about the user's

6 spending habits.

1 25. The apparatus of claim 18, further comprising:

2 (e) a memory storing instructions adapted to be executed by said processor  
3 to

4 (i) receive from a market partner information about the market  
5 partner's needs; and

6 (ii) include in the short-term certificate information about the  
7 market partner's needs.

1 26. The apparatus of claim 20, further comprising:

2 (e) a memory storing instructions adapted to be executed by said processor  
3 to

4 (i) receive from a market partner information about the market  
5 partner's needs; and

6 (ii) include in the short-term certificate information about the  
7 market partner's needs.

1 27. The apparatus of claim 24, further comprising:

2 (e) a memory storing instructions adapted to be executed by said processor  
3 to

4 (i) receive from a market partner information about the market  
5 partner's needs; and

6 (ii) include in the short-term certificate information about the  
7 market partner's needs.

1 28. A computer-readable medium that stores instructions adapted to be executed by  
2 a processor to perform the steps of:

3 (a) receiving a long-term certificate;

4 (b) authenticating a user associated with the long-term certificate;

5 (c) sending a short-term certificate to the user authenticated in (b).

1 29. The computer-readable medium of claim 28, further comprising  
2 (d) evaluating the risk associated with the user; and  
3 (e) including in the short-term certificate information about the risk  
4 associated with the user.

1 30. The computer-readable medium of claim 28, further comprising:  
2 (d) receiving information about the user's spending history; and  
3 (e) including in the short-term certificate information about the user's  
4 spending history. *a*

1 31. The computer-readable medium of claim 28, further comprising:  
2 (d) receiving from a market partner information about the market partner's  
3 needs'  
4 (e) including in the short-term certificate information about the market  
5 partner's needs.

*add a* *11*